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IBM Technical Disclosure Bulletins

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L11 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2002:465779 CAPLUS
 DN 137:37410
 TI Cosmetic composition containing 7-hydroxy DHEA and/or 7-keto DHEA and at least a depigmentation agent
 IN Courchay, Guy
 PA L'oreal, Fr.
 SO PCT Int. Appl., 14 pp.
 CODEN: PIXXD2
 DT Patent
 LA French
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|--|----------|
| PI | WO 2002047647 | A1 | 20020620 | WO 2001-FR3633 | 20011120 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | |
| | FR 2818138 | A1 | 20020621 | FR 2000-16443 | 20001215 |
| | FR 2818138 | B1 | 20030214 | | |
| | AU 2002021995 | A5 | 20020624 | AU 2002-21995 | 20011120 |
| PRAI | FR 2000-16443 | A | 20001215 | | |
| | WO 2001-FR3633 | W | 20011120 | | |

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2002:391492 CAPLUS
 DN 136:390760
 TI Use of 2-oxothiazolidine 4-carboxylic acid derivatives as agents promoting skin peeling
 IN Galey, Jean-Baptiste; Bernard, Dominique; Simonetti, Lucie
 PA L'oreal, Fr.
 SO PCT Int. Appl., 41 pp.
 CODEN: PIXXD2
 DT Patent
 LA French
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|--|----------|
| PI | WO 2002039976 | A1 | 20020523 | WO 2001-FR3523 | 20011112 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | |
| | FR 2816838 | A1 | 20020524 | FR 2000-14865 | 20001117 |
| | AU 2002023058 | A5 | 20020527 | AU 2002-23058 | 20011112 |
| PRAI | FR 2000-14865 | A | 20001117 | | |
| | WO 2001-FR3523 | W | 20011112 | | |

OS MARPAT 136:390760
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:338061 CAPLUS
DN 134:344359
TI Cosmetic composition containing waxes and an hydrophilic active unstable in an oxidizing medium
IN Afriat, Isabelle
PA L'oreal, Fr.
SO Eur. Pat. Appl., 14 pp.
CODEN: EPXXDW
DT Patent
LA French
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | EP 1097696 | A1 | 20010509 | EP 2000-402861 | 20001016 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| | FR 2800606 | A1 | 20010511 | FR 1999-13993 | 19991108 |
| | FR 2800606 | B1 | 20020816 | | |
| | JP 2001163765 | A2 | 20010619 | JP 2000-339530 | 20001107 |
| PRAI | FR 1999-13993 | A | 19991108 | | |

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:338059 CAPLUS
DN 134:344357
TI Cosmetic composition containing an hydrophilic active agent dispersed in an oil phase comprising waxes
IN Roulier, Veronique; Baldo, Francine
PA L'oreal, Fr.
SO Eur. Pat. Appl., 12 pp.
CODEN: EPXXDW
DT Patent
LA French
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | EP 1097694 | A1 | 20010509 | EP 2000-402739 | 20001005 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| | FR 2800607 | A1 | 20010511 | FR 1999-13995 | 19991108 |
| | FR 2800607 | B1 | 20011221 | | |
| | JP 2001163721 | A2 | 20010619 | JP 2000-338064 | 20001106 |
| PRAI | FR 1999-13995 | A | 19991108 | | |

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:279402 CAPLUS
DN 134:300637
TI Use of DHEA or its precursors and metabolites as skin depigmentation agents
IN De, Lacharriere Oliver; Nouveau, Stephanie
PA L'oreal, Fr.
SO Eur. Pat. Appl., 10 pp.
CODEN: EPXXDW
DT Patent
LA French
FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|------------|------|----------|-----------------|----------|
| PI | EP 1092423 | A2 | 20010418 | EP 2000-118605 | 20000828 |

EP 1092423 A3 20010829
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO
 FR 2799645 A1 20010420 FR 1999-12773 19991013
 JP 2001131072 A2 20010515 JP 2000-303977 20001003
 CA 2355357 AA 20010419 CA 2000-2355357 20001013
 WO 2001026618 A2 20010419 WO 2000-FR2879 20001013
 WO 2001026618 A3 20020510
 W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
 CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
 IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
 MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
 SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
 CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 FR 2803514 A1 20010713 FR 2000-13184 20001013
 EP 1221933 A2 20020717 EP 2000-968050 20001013
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL
 JP 2003511402 T2 20030325 JP 2001-529409 20001013
 PRAI FR 1999-12773 A 19991013
 WO 2000-FR2879 W 20001013

L11 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:323232 CAPLUS
 DN 132:339059
 TI Composition for depigmenting or bleaching mammalian skin containing
 L-1-2-oxothiazolidine-4-carboxylic acid and a polyol
 IN Chevalier, Veronique; Galey, Jean-baptiste
 PA L'Oreal, Fr.
 SO U.S., 5 pp., Cont.-in-part of U.S. Ser. No. 773,514.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 2

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--------------------|------|----------|-----------------|----------|
| ----- | ---- | ----- | ----- | ----- |
| PI US 6063389 | A | 20000516 | US 1998-22052 | 19980211 |
| FR 2742658 | A1 | 19970627 | FR 1995-15335 | 19951222 |
| FR 2742658 | B1 | 19980130 | | |
| US 6007827 | A | 19991228 | US 1996-773514 | 19961223 |
| PRAI FR 1995-15335 | A | 19951222 | | |
| US 1996-773514 | A2 | 19961223 | | |

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:686242 CAPLUS
 DN 133:256574
 TI Cosmetic compositions having an aqueous phase containing
 L-2-oxothiazolidine-4-carboxylic acid
 IN Chevalier, Veronique; Quest, Melanie
 PA L'oreal, Fr.
 SO Eur. Pat. Appl., 9 pp.
 CODEN: EPXXDW
 DT Patent
 LA French
 FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| ----- | ---- | ----- | ----- | ----- |
| PI EP 1038515 | A1 | 20000927 | EP 2000-400495 | 20000223 |

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,

| | IE, SI, LT, LV, FI, RO | | | |
|-------------------|------------------------|----------|----------------|----------|
| FR 2790953 | A1 | 20000922 | FR 1999-3476 | 19990319 |
| FR 2790953 | B1 | 20020809 | | |
| US 6337077 | B1 | 20020108 | US 2000-522106 | 20000309 |
| BR 2000000707 | A | 20010502 | BR 2000-707 | 20000313 |
| JP 2000281521 | A2 | 20001010 | JP 2000-74821 | 20000316 |
| CN 1267507 | A | 20000927 | CN 2000-104337 | 20000317 |
| US 2003004197 | A1 | 20030102 | US 2001-2959 | 20011205 |
| PRAI FR 1999-3476 | A | 19990319 | | |
| US 2000-522106 | A1 | 20000309 | | |

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:73729 CAPLUS

DN 132:83387

TI Optical whiteners for cosmetic compositions

IN Chevalier, Veronique; Quest, Melanie

PA Oreal S. A., Fr.

SO Fr. Demande, 16 pp.

CODEN: FRXXBL

DT Patent

LA French

FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| ----- | ---- | ----- | ----- | ----- |
| PI FR 2778561 | A1 | 19991119 | FR 1998-6109 | 19980514 |
| FR 2778561 | B1 | 20010420 | | |
| EP 962224 | A2 | 19991208 | EP 1999-401136 | 19990507 |
| EP 962224 | A3 | 20000105 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| BR 9901889 | A | 20000509 | BR 1999-1889 | 19990512 |
| CN 1240130 | A | 20000105 | CN 1999-109517 | 19990513 |
| JP 2000001417 | A2 | 20000107 | JP 1999-133196 | 19990513 |
| US 6203781 | B1 | 20010320 | US 1999-311737 | 19990514 |
| US 6403065 | B1 | 20020611 | US 2000-621077 | 20000721 |
| US 2001010812 | A1 | 20010802 | US 2001-764434 | 20010119 |
| US 6488917 | B2 | 20021203 | | |
| PRAI FR 1998-6109 | A | 19980514 | | |
| US 1999-311737 | A1 | 19990514 | | |

L11 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:566785 CAPLUS

DN 131:174827

TI Cosmetic composition containing a procysteine and a polyol

IN Chevalier, Veronique; Galey, Jean Baptiste

PA Oreal S. A., Fr.

SO Fr. Demande, 9 pp.

CODEN: FRXXBL

DT Patent

LA French

FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| ----- | ---- | ----- | ----- | ----- |
| PI FR 2773323 | A1 | 19990709 | FR 1998-19 | 19980105 |
| FR 2773323 | B1 | 20000211 | | |
| EP 931541 | A1 | 19990728 | EP 1998-402902 | 19981120 |
| EP 931541 | B1 | 20030416 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| SG 72895 | A1 | 20000523 | SG 1998-5044 | 19981130 |
| BR 9805626 | A | 20000606 | BR 1998-5626 | 19981130 |
| JP 11255633 | A2 | 19990921 | JP 1998-368129 | 19981224 |

| | | | | |
|-----------------|----|----------|----------------|----------|
| JP 2980605 | B2 | 19991122 | | |
| CN 1238176 | A | 19991215 | CN 1999-100903 | 19990105 |
| PRAI FR 1998-19 | A | 19980105 | | |

L11 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1998:604834 CAPLUS
 DN 129:184253
 TI Therapeutic uses for sulfur-containing antioxidants in cancer and precancer therapy
 IN Brash, Douglas E.; Liu, Ming
 PA Yale University, USA
 SO PCT Int. Appl., 65 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | WO 9836773 | A1 | 19980827 | WO 1998-US3296 | 19980220 |
| | W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, GH, GW, HU, ID, IL, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| | AU 9864369 | A1 | 19980909 | AU 1998-64369 | 19980220 |
| | US 2002198161 | A1 | 20021226 | US 1998-27204 | 19980220 |
| PRAI | US 1997-38707P | P | 19970220 | | |
| | WO 1998-US3296 | W | 19980220 | | |

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
 ✓ AN 1998:147722 CAPLUS
 DN 128:153967
 TI Preparation of kojic acid derivatives for use as depigmentation agents
 IN Galey, Jean Baptiste; Pichaud, Patrick
 PA L'Oreal S. A., Fr.
 SO Fr. Demande, 11 pp.
 CODEN: FRXXBL

DT Patent
 LA French
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | FR 2751331 | A1 | 19980123 | FR 1996-9011 | 19960718 |
| | EP 819692 | A1 | 19980121 | EP 1997-401459 | 19970623 |
| | EP 819692 | B1 | 20000816 | | |
| | R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE AT 195520 | E | 20000915 | AT 1997-401459 | 19970623 |
| | ES 2151711 | T3 | 20010101 | ES 1997-401459 | 19970623 |
| | AU 9728510 | A1 | 19980129 | AU 1997-28510 | 19970708 |
| | AU 691145 | B2 | 19980507 | | |
| | JP 10067781 | A2 | 19980310 | JP 1997-190210 | 19970715 |
| | JP 3034486 | B2 | 20000417 | | |
| | CA 2210365 | AA | 19980118 | CA 1997-2210365 | 19970717 |
| | CA 2210365 | C | 20030107 | | |
| | CN 1174194 | A | 19980225 | CN 1997-117450 | 19970718 |
| | CN 1057090 | B | 20001004 | | |
| | US 5968487 | A | 19991019 | US 1997-897058 | 19970718 |
| PRAI | FR 1996-9011 | A | 19960718 | | |

L11 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1997:534460 CAPLUS
 DN 127:135789
 TI L-2-Oxothiazolidine-4-carboxylic acid derivatives and their use for skin care
 IN Galey, Jean-Baptiste
 PA Oreal S. A., Fr.
 SO Eur. Pat. Appl., 10 pp.
 CODEN: EPXXDW
 DT Patent
 LA French
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-----------------------|------|----------|-----------------|----------|
| PI | EP 780383 | A1 | 19970625 | EP 1996-402549 | 19961126 |
| | R: DE, ES, FR, GB, IT | | | | |
| | FR 2742750 | A1 | 19970627 | FR 1995-15334 | 19951222 |
| | FR 2742750 | B1 | 19980130 | | |
| | JP 09176138 | A2 | 19970708 | JP 1996-340211 | 19961219 |
| | CN 1159447 | A | 19970917 | CN 1996-123167 | 19961221 |
| | CN 1082957 | B | 20020417 | | |
| | US 6004543 | A | 19991221 | US 1996-771836 | 19961223 |
| PRAI | FR 1995-15334 | A | 19951222 | | |
| OS | MARPAT 127:135789 | | | | |

L11 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1997:479336 CAPLUS
 DN 127:99546

TI Use of procysteine as skin whitening agent
 IN Galey, Jean-Baptiste; Marrot, Laurent; Causse, Catherine; Regnier, Marcelle
 PA L'Oreal S. A., Fr.
 SO Eur. Pat. Appl., 4 pp.
 CODEN: EPXXDW

DT Patent
 LA French
 FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | EP 780120 | A1 | 19970625 | EP 1996-402451 | 19961115 |
| | EP 780120 | B1 | 19980708 | | |
| | R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE | | | | |
| | FR 2742658 | A1 | 19970627 | FR 1995-15335 | 19951222 |
| | FR 2742658 | B1 | 19980130 | | |
| | AT 168005 | E | 19980715 | AT 1996-402451 | 19961115 |
| | ES 2121463 | T3 | 19981116 | ES 1996-402451 | 19961115 |
| | CA 2193520 | AA | 19970623 | CA 1996-2193520 | 19961219 |
| | CA 2193520 | C | 20010807 | | |
| | JP 09175927 | A2 | 19970708 | JP 1996-340210 | 19961219 |
| | JP 2885747 | B2 | 19990426 | | |
| | CN 1159322 | A | 19970917 | CN 1996-123166 | 19961221 |
| PRAI | FR 1995-15335 | A | 19951222 | | |

=>

L8 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1995:655223 CAPLUS
 DN 123:40967
 TI Compositions and their use for retarding the **aging** process
 IN Kamerei, Ahmad Reza; Goldberg, Dennis I.; Mark, David A.; Pace, Gary
 PA Free Radical Sciences, Inc., USA
 SO Eur. Pat. Appl., 7 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 IC ICM A61K031-425
 ICS A61K038-00; A61K038-06; A23L001-30; A23L001-305; A23L001-302;
 A23L001-304
 CC 63-6 (Pharmaceuticals)
 Section cross-reference(s): 18
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-----------------------------------|------|----------|-----------------|----------|
| PI | EP 655245 | A2 | 19950531 | EP 1994-308005 | 19941031 |
| | R: CH, DE, ES, FR, GB, IT, LI, SE | | | | |
| | AU 9475969 | A1 | 19950518 | AU 1994-75969 | 19941021 |
| | CA 2134707 | AA | 19950502 | CA 1994-2134707 | 19941031 |
| | JP 07188018 | A2 | 19950725 | JP 1994-266779 | 19941031 |
| PRAI | US 1993-146305 | | 19931101 | | |

AB Compns., diets and regimens are disclosed for maintaining intracellular levels of glutathione at sufficient levels to prevent oxidative and free radical damage to the cells, so as to retard the **aging** process in mammals. A diet, regimen, or nutritional compn. for reducing agent in a person comprises 15-30% of the calories from cysteine-rich protein, 15-25% of the calories from lipids, 45-70% of the calories from carbohydrates, and vitamin/mineral mixts. meeting or exceeding USRDA values in 1000 or 2000 cal of the product.
 ST nutrient **aging** inhibition glutathione synthesis promoter; cysteine rich protein antiaging nutrient
 IT **Aging**
 Egg white
 (antiaging nutrients contg. glutathione intracellular synthesis promoters)
 IT Albumins, biological studies
 RL: FFD (Food or feed use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (antiaging nutrients contg. glutathione intracellular synthesis promoters)
 IT Whey
 (proteins of; antiaging nutrients contg. glutathione intracellular synthesis promoters)
 IT Proteins, specific or class
 RL: FFD (Food or feed use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (cysteine-rich, antiaging nutrients contg. glutathione intracellular synthesis promoters)
 IT Nutrients
 (enteral, antiaging nutrients contg. glutathione intracellular synthesis promoters)
 IT Nutrients
 (parenteral, antiaging nutrients contg. glutathione intracellular synthesis promoters)
 IT 70-18-8, Glutathione, biological studies
 RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
 (antiaging nutrients contg. glutathione intracellular synthesis promoters)
 IT 70-18-8D, Glutathione, esters 19771-63-2, L-2-Oxothiazolidine-4-

carboxylic acid 19771-63-2D, L-2-Oxothiazolidine-4-carboxylic acid, esters

RL: FFD (Food or feed use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(antiaging nutrients contg. glutathione intracellular synthesis promoters)

=>

| PI | EP 780120 | A1 | 19970625 | EP 1996-402451 | 19961115 |
|------|---------------|----|----------|---|----------|
| | EP 780120 | B1 | 19980708 | R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE | |
| | FR 2742658 | A1 | 19970627 | FR 1995-15335 | 19951222 |
| | FR 2742658 | B1 | 19980130 | | |
| | AT 168005 | E | 19980715 | AT 1996-402451 | 19961115 |
| | ES 2121463 | T3 | 19981116 | ES 1996-402451 | 19961115 |
| | CA 2193520 | AA | 19970623 | CA 1996-2193520 | 19961219 |
| | CA 2193520 | C | 20010807 | | |
| | JP 09175927 | A2 | 19970708 | JP 1996-340210 | 19961219 |
| | JP 2885747 | B2 | 19990426 | | |
| | CN 1159322 | A | 19970917 | CN 1996-123166 | 19961221 |
| PRAI | FR 1995-15335 | A | 19951222 | | |

L9 ANSWER 13 OF 18 CAPLUS COPYRIGHT 2003 ACS

AN 1997:555683 CAPLUS

DN 127:231311

TI Thiols and selenium: protective effect on human **skin** fibroblasts exposed to UVA radiation

AU Emonet, N.; Leccia, M. T.; Favier, A.; Beani, J. C.; Richard, M. J.

CS Service de Dermatologie, Groupement de Recherche sur les Pathologies Oxydatives, Universite Joseph Fourier, 38043, Grenoble, 03, Fr.

SO Journal of Photochemistry and Photobiology, B: Biology (1997), 40(1), 84-90

CODEN: JPPBEG; ISSN: 1011-1344

PB Elsevier

DT Journal

LA English

L9 ANSWER 14 OF 18 CAPLUS COPYRIGHT 2003 ACS

AN 1995:491327 CAPLUS

DN 122:281655

TI Preclinical efficacy evaluation of potential chemopreventive agents in animal carcinogenesis models: methods and results from the NCI Chemoprevention Drug Development Program

AU Steele, Vernon E.; Moon, Richard C.; Lubet, Ronald A.; Grubbs, Clinton J.; Reddy, Bandaru S.; Wargovich, Michael; McCormick, David L.; Pereira, Michael A.; Crowell, James A.; et al.

CS DCPC, National Institutes of Health, Bethesda, MD, 20892, USA

SO Journal of Cellular Biochemistry (1994), (Suppl. 20), 32-54

CODEN: JCEBD5; ISSN: 0730-2312

PB Wiley-Liss

DT Journal

LA English

L9 ANSWER 15 OF 18 CAPLUS COPYRIGHT 2003 ACS

AN 1993:463055 CAPLUS

DN 119:63055

TI Method for stimulating intracellular synthesis of glutathione using esters of L-2-oxothiazolidine-4-carboxylate

IN Rowe, W. Bruce; Goldberg, Dennis I.

PA Clintec Nutrition Co., USA

SO U.S., 5 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

| PI | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|------------|------|----------|-----------------|----------|
| | US 5208249 | A | 19930504 | US 1992-932761 | 19920820 |
| | AU 9337181 | A1 | 19940224 | AU 1993-37181 | 19930422 |
| | AU 666931 | B2 | 19960229 | | |
| | EP 583863 | A1 | 19940223 | EP 1993-303213 | 19930423 |

EP 583863 B1 19961120
R: BE, CH, DE, ES, FR, GB, IT, LI, SE
ES 2094479 T3 19970116 ES 1993-303213 19930423
CA 2096036 AA 19940221 CA 1993-2096036 19930512
JP 06183973 A2 19940705 JP 1993-205958 19930820
PRAI US 1992-932761 19920820

L9 ANSWER 16 OF 18 CAPLUS COPYRIGHT 2003 ACS
AN 1993:588265 CAPLUS
DN 119:188265
TI Inhibition of acute ornithine decarboxylase induction can predict tumor prevention by topical photoprotective agents in the **skin** of hairless mice exposed to ultraviolet radiation
AU Hillebrand, Greg G.; Bissett, Donald L.
CS Miami Valley Lab., Procter and Gamble Co., Cincinnati, OH, 45239-8707, USA
SO Journal of the Society of Cosmetic Chemists (1993), 44(3), 129-38
CODEN: JSCCA5; ISSN: 0037-9832
DT Journal
LA English

L9 ANSWER 17 OF 18 CAPLUS COPYRIGHT 2003 ACS
AN 1988:48857 CAPLUS
DN 108:48857
TI Inhibition of multistage tumor promotion in mouse **skin** by diethyldithiocarbamate
AU Perchellet, Jean Pierre; Abney, Nancy L.; Thomas, Ryan M.; Perchellet, Elisabeth M.; Maatta, Eric A.
CS Dep. Chem., Kansas State Univ., Manhattan, KS, 66506, USA
SO Cancer Research (1987), 47(23), 6302-9
CODEN: CNREA8; ISSN: 0008-5472
DT Journal
LA English

L9 ANSWER 18 OF 18 CAPLUS COPYRIGHT 2003 ACS
AN 1987:419228 CAPLUS
DN 107:19228
TI Effects of diverse intracellular thiol delivery agents on glutathione peroxidase activity, the ratio of reduced/oxidized glutathione, and ornithine decarboxylase induction in isolated mouse epidermal cells treated with 12-O-tetradecanoylphorbol 13-acetate
AU Perchellet, Elisabeth M.; Maatta, Eric A.; Abney, Nancy L.; Perchellet, Jean Pierre
CS Div. Biol., Kansas State Univ., Manhattan, KS, 66506, USA
SO Journal of Cellular Physiology (1987), 131(1), 64-73
CODEN: JCLLAX; ISSN: 0021-9541
DT Journal
LA English

TI Preparation of kojic acid derivatives for use as depigmentation agents
 IN Galey, Jean Baptiste; Pichaud, Patrick
 PA L'Oreal S. A., Fr.
 SO Fr. Demande, 11 pp.
 CODEN: FRXXBL
 DT Patent
 LA French
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | FR 2751331 | A1 | 19980123 | FR 1996-9011 | 19960718 |
| | EP 819692 | A1 | 19980121 | EP 1997-401459 | 19970623 |
| | EP 819692 | B1 | 20000816 | | |
| | R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE | | | | |
| | AT 195520 | E | 20000915 | AT 1997-401459 | 19970623 |
| | ES 2151711 | T3 | 20010101 | ES 1997-401459 | 19970623 |
| | AU 9728510 | A1 | 19980129 | AU 1997-28510 | 19970708 |
| | AU 691145 | B2 | 19980507 | | |
| | JP 10067781 | A2 | 19980310 | JP 1997-190210 | 19970715 |
| | JP 3034486 | B2 | 20000417 | | |
| | CA 2210365 | AA | 19980118 | CA 1997-2210365 | 19970717 |
| | CN 1174194 | A | 19980225 | CN 1997-117450 | 19970718 |
| | CN 1057090 | B | 20001004 | | |
| | US 5968487 | A | 19991019 | US 1997-897058 | 19970718 |
| PRAI | FR 1996-9011 | A | 19960718 | | |

L9 ANSWER 11 OF 18 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:534460 CAPLUS
 DN 127:135789
 TI L-2-Oxothiazolidine-4-carboxylic acid derivatives and their use for
skin care
 IN Galey, Jean-Baptiste
 PA Oreal S. A., Fr.
 SO Eur. Pat. Appl., 10 pp.
 CODEN: EPXXDW
 DT Patent
 LA French
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-----------------------|------|----------|-----------------|----------|
| PI | EP 780383 | A1 | 19970625 | EP 1996-402549 | 19961126 |
| | R: DE, ES, FR, GB, IT | | | | |
| | FR 2742750 | A1 | 19970627 | FR 1995-15334 | 19951222 |
| | FR 2742750 | B1 | 19980130 | | |
| | JP 09176138 | A2 | 19970708 | JP 1996-340211 | 19961219 |
| | CN 1159447 | A | 19970917 | CN 1996-123167 | 19961221 |
| | CN 1082957 | B | 20020417 | | |
| | US 6004543 | A | 19991221 | US 1996-771836 | 19961223 |
| PRAI | FR 1995-15334 | A | 19951222 | | |
| OS | MARPAT 127:135789 | | | | |

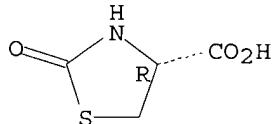
L9 ANSWER 12 OF 18 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:479336 CAPLUS
 DN 127:99546
 TI Use of procysteine as **skin** whitening agent
 IN Galey, Jean-Baptiste; Marrot, Laurent; Causse, Catherine; Regnier,
 Marcelle
 PA L'Oreal S. A., Fr.
 SO Eur. Pat. Appl., 4 pp.
 CODEN: EPXXDW
 DT Patent
 LA French
 FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------------|------|------|-----------------|------|
|--|------------|------|------|-----------------|------|

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L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 19771-63-2 REGISTRY
CN 4-Thiazolidinecarboxylic acid, 2-oxo-, (4R)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 4-Thiazolidinecarboxylic acid, 2-oxo-, (R)-
CN 4-Thiazolidinecarboxylic acid, 2-oxo-, L- (8CI)
OTHER NAMES:
CN (4R)-2-Oxothiazolidine-4-carboxylic acid
CN (R)-(-)-2-Oxothiazolidine-4-carboxylic acid
CN (R)-2-Oxothiazolidine-4-carboxylic acid
CN L-2-Oxo-4-thiazolidinecarboxylic acid
CN **Procysteine**
FS STEREOSEARCH
DR 163675-62-5
MF C4 H5 N O3 S
CI COM
LC STN Files: ADISINSIGHT, AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA,
CAPLUS, CASREACT, CHEMCATS, CIN, CSCHEM, DRUGNL, DRUGUPDATES, IFICDB,
IFIPAT, IFIUDB, MRCK*, MSDS-OHS, NIOSHTIC, PHAR, PROMT, RTECS*,
TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

228 REFERENCES IN FILE CA (1957 TO DATE)
13 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
232 REFERENCES IN FILE CAPLUS (1957 TO DATE)

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=OR

| | | | |
|------------|--|---|------------|
| <u>L11</u> | (6203781 6403065 5968487 6004543).pn. and carboxylic | 4 | <u>L11</u> |
| <u>L10</u> | (6203781 6403065 5968487 6004543).pn. and procystein\$ | 0 | <u>L10</u> |
| <u>L9</u> | (6203781 6403065 5968487 6004543).pn. | 4 | <u>L9</u> |

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR

| | | | |
|-----------|--|----|-----------|
| <u>L8</u> | ((oily adj skin) (geas\$ adj skin)) and procystein\$ | 0 | <u>L8</u> |
| <u>L7</u> | ((oily adj skin) geasy) and procystein\$ | 0 | <u>L7</u> |
| <u>L6</u> | procystein\$.ab. | 11 | <u>L6</u> |
| <u>L5</u> | L4 and procystein\$.ab. | 4 | <u>L5</u> |
| <u>L4</u> | procystein\$ and (cosmetic) | 29 | <u>L4</u> |
| <u>L3</u> | procystein\$ and (topical cosmetic skin dermatol\$) | 69 | <u>L3</u> |

DB=PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR

| | | | |
|-----------|--------------|----|-----------|
| <u>L2</u> | procystein\$ | 37 | <u>L2</u> |
|-----------|--------------|----|-----------|

DB=USPT; PLUR=YES; OP=OR

| | | | |
|-----------|------------|---|-----------|
| <u>L1</u> | procystein | 1 | <u>L1</u> |
|-----------|------------|---|-----------|

END OF SEARCH HISTORY